

SAS Institute

Exam A00-281

Clinical Trials Programming Using SAS 9 – Accelerated Version

Verson: Demo

[Total Questions: 10]

Question No : 1

A SAS program is submitted and the following log is written.

```

893 data WORK.CHECKVISITS;
894   set WORK.VISITS(keep=PATID VISDTO VISDT1 VISDT2 VISDT3 VISDT4);
895   array VISDT(1:4);
896   do i=1 to 4;
897     if VISDT(i) ?VISDT(i-1) gt 10 then output;
898   end;
899 run;

```

```

ERROR: Array subscript out of range at line 897 column 21.

```

What is the cause of this error message?

- A. The ARRAY declaration is syntactically incorrect.
- B. The IF statement is syntactically incorrect.
- C. The DO loop tries to get a value from a variable which does not exist.
- D. The IF statement tries to get ARRAY elements which are not declared.

Answer: D

Question No : 2 CORRECT TEXT

This question will ask you to provide a line of missing code.

You want to present a column header that contains breaks within the header as indicated below.

<u>Subject</u>	<u>Period 2 Treatment</u>	<u>Date</u>
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Given the following program:

```

proc report data=treatment <insert code here>;
  column subject trt sdate ;
  define subject / 'Subject' ;
  define trt / 'Period 2*Treatment' ;
  define sdate / 'Date' ;
run;

```

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In the space below, enter the option that completes the program (Case is ignored. Do not add leading or trailing spaces to your answer).

--

Answer:

SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*',
T='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*', SPLIT='*'

Question No : 3

A Statistical Analysis Plan describes a clinical trial as "A 12 week, double-blind, placebo-controlled, randomized, multi-center study." Double-blind refers to which groups in this study?

- A. treatment and control group**
B. investigator and subjects
C. statistician and sponsor
D. sponsor and investigator

Answer: B

Question No : 4

Which validation technique involves two programmers writing separate programs to produce the same output, then comparing the result?

- A. Independent Programming**
B. Peer Matching
C. Identical Programming
D. Peer Review

Answer: A

Question No : 5

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The VISIT data set is multiple records per subject, sorted by usubjid vistdtc vistm and contains the following variables:

#	Variable	Type	Len
3	VISITNUM	Char	3
1	VISTDTC	Char	19
2	VISTM	Char	5
4	usubjid	Num	8

The DEATH data set is one record per subject, sorted by usubjid vistdtc vistm and contains the following variables:

#	Variable	Type	Len
3	DHREFID	Char	5
4	DHTERM	Char	200
1	VISTDTC	Char	19
2	VISTM	Char	5
5	usubjid	Num	8

Which program will combine the DEATH and VISIT data sets by matching records?

A.

```
data data_1;  
merge death visit;  
by usubjid vistdtc vistm;  
run;
```

B.

```
data data_1;  
merge death visit;  
run;
```

C. data data_1;

```
set death visit;  
by usubjid vistdtc vistm;  
run;
```

D.

```
data data_1;  
merge death visit;  
by usubjid vistm vistdtc;  
run;
```

Answer: A

Question No : 6

You have acquired an existing program from a coworker which uses a macro. It is not immediately clear to you what this macro is doing. Which OPTION can be used to put the SAS statements generated by the macro execution into the LOG?

- A. MPRINT
- B. SYMBOLGEN
- C. MLOGIC
- D. MRECALL

Answer: A

Question No : 7

Given the SAS data set WORK.BP

subjid	SBP	DBP
01562	145	92
02457	130	87
03489	117	78
01598	135	85
02678	145	79

The following SAS program is submitted:

```
data  
    WORK.HIGHBP  
    WORK.NORMBP  
    WORK.INVESTBP;  
set WORK.BP;  
if SBP gt 140 and DBP gt 90 then output WORK.HIGHBP;  
if SBP lt 120 and DBP lt 80 then output WORK.NORMBP;  
else output WORK.INVESTBP;  
run;
```

What is the result?

- A.
WORK.HIGHBP has 1 observation

WORK.NORMBP has 1 observation
 WORK.INVESTBP has 3 observations

B.

WORK.HIGHBP has 1 observation
 WORK.NORMBP has 1 observation
 WORK.INVESTBP has 4 observations

C.

WORK.HIGHBP has 1 observation
 WORK.NORMBP has 1 observation
 WORK.INVESTBP has 2 observations

D.

WORK.HIGHBP has 2 observations
 WORK.NORMBP has 2 observations
 WORK.INVESTBP has 3 observations

Answer: B

Question No : 8

Given the following data set WORK.DM:

subject	age	sex	race	cbp
001	24	M	WH	NA
002	53	F	BL	YES
003	36	F	AS	NO
004	62	M	BL	YES
005	25	F	WH	YES
006	80	F	MU	NA

Note: cbp = Child Bearing Potential

The following SAS program is submitted:

```
data _null_ ;
  set WORK.DM ;

  if sex = "M" and cbp ne "NA" then put "CHECK: " subject= sex= cbp= ;
  else if sex = "F" and cbp eq "NA" then put "CHECK: " subject= sex= cbp= ;

run ;
```

Which subjects will appear in the LOG file?

- A. 001 and 004
- B. 001 and 006
- C. 003 and 004
- D. 004 and 006

Answer: D

Question No : 9

Which SAS program will apply the data set label 'Demographics' to the data set named DEMO?

A.

```
data demo (label='Demographics');  
set demo;  
run;
```

B.

```
data demo;  
set demo (label='Demographics');  
run;
```

C.

```
data demo (label 'Demographics');  
set demo;  
run;
```

D.

```
data demo;  
set demo;  
label demo= 'Demographics';  
run;
```

Answer: A

Question No : 10 CORRECT TEXT

Which CDISC filename contains the following items?

- Variable attributes
- Controlled terminology
- Computational methods

Enter your answer in the space below (Case is ignored. Do not add leading or trailing spaces to your answer.).

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Answer: DEFINE.XML,DEFINE.PDF,DEFINE

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